

## Product Specification

Ultrasonic Sieving

# Sievgen 03

A non-automated, low volume or research friendly metal powder sieving system.

A fully mobile, enclosed, ultrasonic sieve that uses a single 350mm diameter mesh screen to process fine metal powders into flasks/barrels.

An unassuming but highly efficient sieve aimed at research establishments and lower volume additive manufacturing (AM) producers. At the core of SG03 is a design that simplifies sieving. A budget system that offers quick and easy powder processing, whereby the oversize is kept on the mesh – guaranteeing 100% single pass efficiency.

Manual operation is kept as straightforward as possible, with a flexible design that allows for easy breakdown of parts and cleaning between material and batch changes.



**sievgen**  
by farleygreene

## Features & Benefits

- **Mobile Solution** – on wheels, easy to manoeuvre.
- **Quick tool free disassembly** – easy access to open frame design.
- **Easy clean, crevice free design** – tool free access to all consumable components.
- **Optional deblinding systems** - ultrasonic.
- **Inerting capability** – inlet/outlet bosses supplied.

## Industries:



Food & Drink



Pharma



Chemical



Additive

## Product Options\*

**Mesh deblinding -**  
Ultrasonic.



\*More options available on request

**Extra 1.5 litre barrels/  
containers** - available with  
manual butterfly valves.



## Typical Materials

- Smaller quantities of metal powders such as aluminium, titanium, scalmalloy, steel, and colbalt chrome.

## Finishes available

- Internal Surface Polish to <0.8 Ra

## Certified Technology



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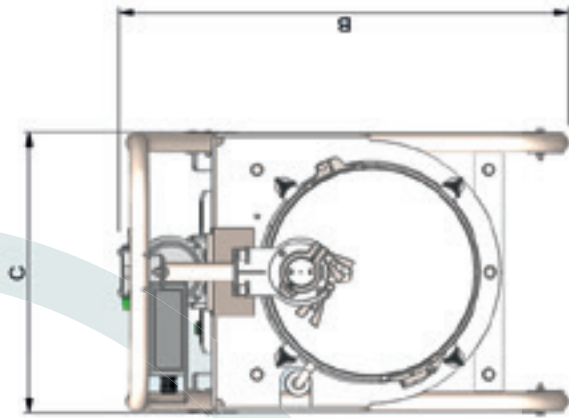
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THIRD ANGLE PROJECTION



SG 03




A

B

C

D

| DIMENSION | SIEVGEN 03 (mm) |
|-----------|-----------------|
| A         | 1072            |
| B         | 772             |
| C         | 480             |

| ELECTRICAL | SIEVGEN 03  |
|------------|---|
| VOLTAGE    | 240   |
| FREQUENCY  | 50 / 60 Hz  |
| POWER      | 0.35kW (max)  |
| PHASE      | SINGLE  |
| ATEX       | YES  |

SCREEN DIAMETER = Ø350mm  
OTHER VOLTAGES AVAILABLE ON REQUEST

